| STATE OF OREGON   |                                       | 1 507  | 996   | WELL                               | I.D. LABEL        | # L 105                    | 275             | Page 1 o       |  |  |  |
|---|---------------------------------------|--|---|------------------------------------|-------------------|----------------------------|-----------------|----------------|--|--|--|
| WATER SUPPLY WELL REPORT  |                                       | 1 304  | START CARD #  |                                    |                   | # 101                      | 1016602         |                |  |  |  |
| (as required by ORS 537.765 & OAR 690-205-0210) 11/1A   |                                       | 11/14/   | /2012 ORIGINAL LOG #  |                                    |                   |                            | .0002           |                |  |  |  |
| (1) LAND OWNER  |                                       |  |   | UNIO                               |                   |                            | I               |                |  |  |  |
| First Name Last Name  |                                       |  |   |                                    |                   | Idogor                     | intion)         |                |  |  |  |
| Company WOOD RIVER IMPROVEMENT DISTRICT   | -                                     | COUNTY VIANATH TWO 22.00 S N/G Dever 7.50 E DAY WA |   |                                    |                   |                            |                 |                |  |  |  |
| Address P.O. BOX 503  |                                       | -  | County KLAMAT   | H Twp_                             | 33.00 S           | N/S                        | Range 7.50      | <u>E</u> E/W V |  |  |  |
| City FORT KLAMATH State OR Zip 976  | 626                                   | _  | Sec 20 16   | E NW 1/4                           | of the <u>NE</u>  | 1/4                        | Tax Lot _2      | 500            |  |  |  |
| (2) TYPE OF WORK X New Well Deepening   | Conversio                             | on .   | ax Map Number   | r                                  | 11 or             |                            | Lot             | DMS or D       |  |  |  |
| Alteration (complete 2a & 10) Abando  | onment(comple                         | ete 5a)  | Lat°  |                                    | " or              |                            |                 | DMS or D       |  |  |  |
| (2a) PRE-ALTERATION   |                                       |  | Long  | at addrage of                      | f wall            | Nearast                    | addrage         |                |  |  |  |
| Casing: The From To Gauge Sti Piste Wi  |                                       |  | OFE HIGHWAY   | V 62 EOPT                          | KLAMATH (         | DECON                      | 107626          |                |  |  |  |
| Material From To Amt sacks/lbs  |                                       |  | OFF IIIOIIWA  | 1 02, FOR I                        | KLAMAIII, C       | REGOR                      | 97020           |                |  |  |  |
| Seal:   |                                       | H  |   |                                    |                   |                            |                 |                |  |  |  |
| (3) DRILL METHOD  |                                       |  | (10) STATIC   | WATER                              | LEVEL             |                            |                 |                |  |  |  |
| Rotary Air Rotary Mud Cable Auger Ca  |                                       | Date SWL(psi) + SWL(ft)                            |   |                                    |                   |                            |                 |                |  |  |  |
| Reverse Rotary Other  |                                       |  | Completed Well 7/4/2012 1   |                                    |                   |                            |                 |                |  |  |  |
| (1) <b>PROPOSED USE</b> Domestic X Irrigation   | ommunity                              |  | compieted (   | Flowin                             | g Artesian?       | $\frac{1}{1}$ D            | rv Hole?        | 2.3            |  |  |  |
| Industrial/Commercial I ivesteak Davateria  | ommunity                              |  | VATED DE 400  |                                    | Dent              | ц<br>тио <del>т</del> ан т | on first from 1 | 3.00           |  |  |  |
| Thermal Dipiection Other  |                                       | P  | WATER BEARING ZONES Depth water was first found 3.00  |                                    |                   |                            |                 |                |  |  |  |
|   |                                       |  | SWL Date  | From                               | 10                | est Flow                   | SWL(psi)        | + SWL(ff)      |  |  |  |
| (5) BORE HOLE CONSTRUCTION Special Stand  | dard (Attac                           | ch copy)   | 5/10/2012   | 3                                  | 28                | 25                         |                 | 2              |  |  |  |
| Depth of Completed Well <u>546.00</u> ft.   |                                       |  | 5/21/2012   | 90                                 | 345               | 200                        |                 | 2              |  |  |  |
| BORE HOLE SEAL  | To Amt                                | sacks/   | 5/29/2012   | 465                                | 490               | 1000                       |                 | 2              |  |  |  |
| 32 0 36 Cement 0  | 36 66                                 | S  | 6/5/2012  | 502                                | 675               | 5000                       | 1               | ×              |  |  |  |
| 27 36 65 Cement 36  | 502 528                               | S  |   |                                    |                   |                            |                 |                |  |  |  |
| 24 65 502   |                                       | 7  |   | 00                                 |                   |                            |                 |                |  |  |  |
| 19 502 675  |                                       | ľ  |   | UU                                 | Ground Eleva      | tion                       |                 |                |  |  |  |
| How was seal placed: Method $\mathbf{X} \mathbf{A} \mathbf{B} \mathbf{C}$   | D E                                   |  |   | Material                           |                   |                            | From            | To             |  |  |  |
| Other   |                                       | -  | Brown Silty Sand  | dy Top Soil                        | & Cinders         |                            | 25              | 25             |  |  |  |
| Backfill placed from ft. to ft. Material  | Siza                                  | —  -   | Blackish Hard La  | ava                                | & Childers        |                            | 85              | 90             |  |  |  |
| Filter pack from II. toII. Material   |                                       |  | Gray Clay with fi   | ine Sand Ler                       | ises              |                            | 90              | 275            |  |  |  |
| Explosives used: Yes Type Amount  |                                       | [  | Gray & Green Cl   | lay with Pum                       | nice Lenses       |                            | 275             | 345            |  |  |  |
| (5a) ABANDONMENT USING UNHYDRATED BEN   | NTONITE                               |  | Cobbles & Volca   | nic Debris                         |                   |                            | 345             | 360            |  |  |  |
| Proposed Amount Actual Amount   |                                       |  | Dark Brown Clay   | y                                  | 1                 |                            | 360             | 388            |  |  |  |
| (6) CASING/LINER  |                                       |  | Brown Clay with   | Broken Roc                         | K.                |                            | 388             | 403            |  |  |  |
| Casing Liner Dia + From To Gauge St   | tl Plstc Wld                          | Thrd   | Broken Black &  | Red Rock &                         | Ash               |                            | 403             | 405            |  |  |  |
|   |                                       |  | Hard Gray Basalt  | t                                  | 1 LORE            |                            | 490             | 508            |  |  |  |
|   |                                       |  |   | Hard Gray Basalt with fractures WB |                   |                            |                 |                |  |  |  |
| 20 $39$ $302$ $375$ $16$ $242$ $546$ $275$  |                                       |  | Brown Ash & Rock Layers WB  |                                    |                   |                            | 546             | 618            |  |  |  |
|   |                                       |  | Hard Brown & G  | 618                                | 629               |                            |                 |                |  |  |  |
| Shoe Inside Outside Other Location of shoe(s)   |                                       |  | Volcanic Pubble   | 635                                | 675               |                            |                 |                |  |  |  |
| Temp casing Ves Dia From  | -                                     | Borehal  | 035   | 015                                |                   |                            |                 |                |  |  |  |
|   | 10                                    |  | 40 540  | 0                                  |                   |                            | 546             | GTS            |  |  |  |
| (7) PERFURATIONS/SCREENS<br>Perforations Method Factory Saw   |                                       | [[   | •   |                                    |                   |                            |                 |                |  |  |  |
| Screens Type Material   | · · · · · · · · · · · · · · · · · · · |  | Date Started 5/   | 10/2012                            | Co                | mplete                     | 7/7/2012        |                |  |  |  |
| Perf/ Casing/ Screen Scrn/slot Slot   | # of 7                                | Tele/  | Bate Batted   | 10/2012                            | A                 | mprete                     | 11112012        |                |  |  |  |
| Screen Liner · Dia From To width length   | 1 slots pip                           | pe size  | (unbonded) Wa   | ter Well Co                        | nstructor Cer     | ification                  | 1               |                |  |  |  |
| Perf Liner 16 365 425 .08 2.5   | 1280                                  |  | I certify that the work I performed on the construction, deepening, alteration, or<br>abandonment of this well is in compliance with Oregon water supply well |                                    |                   |                            |                 |                |  |  |  |
| Perf Liner 16 505 545 08 2.5  | 2560                                  |  | construction stan   | dards. Mate                        | erials used and   | in Roma                    | û Sni vobred    | BXeQWB         |  |  |  |
|   | 2300                                  |  | the best of my kn   | nowledge and                       | d belief.         | I them N                   |                 |                |  |  |  |
|   |                                       |  | License Number  |                                    |                   | Date                       |                 |                |  |  |  |
| (8) WELL TESTS: Minimum testing time is 1 hour  |                                       |  |   |                                    |                   | _                          | DEC 2           | 2 2014         |  |  |  |
| $\bigcirc Pump \qquad \bigcirc Bailer \qquad \bigcirc Air \qquad \bigcirc Bailer \qquad \qquad$ | Flowing Artesia                       | an   | Signed  |                                    |                   |                            |                 |                |  |  |  |
| Yield gal/min Drawdown Drill stem/Pump denth D  | Juration (hr)                         |  | (bonded) Water  | Well Const                         | ructor Certific   | ation                      | CALE            | A OR           |  |  |  |
| 1250 0 0  | 24                                    |  | accept responsi   | ibility for th                     | e construction    | deepen                     | ing, alteration | n, or abandon  |  |  |  |
| 3400 11 25  | 4                                     |  | work performed of   | on this well o                     | during the cons   | truction                   | dates reported  | above. All w   |  |  |  |
| 5800 53.5 58  |                                       |  | performed durin   | g this time                        | is in complia     | nce wit                    | h Oregon w      | ater supply w  |  |  |  |
| Temperature 45 °F Lab analysis Yes By   |                                       |  | construction stan   | dards. This                        | report is true to | the best                   | of my knowl     | edge and belie |  |  |  |
| Water guality concerns? Yes (describe below) TDS amou   |                                       | License Number 1385 Date 11/14/2012                |   |                                    |                   |                            |                 |                |  |  |  |
| From To Description   | Amount Un                             |  | Signed norr   | DTDUOR                             | ED (E #1 1)       |                            |                 |                |  |  |  |
|   |                                       |  | Contact Info (  | KI BUCKN                           | ER (E-filed)      |                            |                 |                |  |  |  |
|   |                                       |  | Contact Info (opt   | 10nal)                             |                   |                            |                 |                |  |  |  |

ORIGINAL - WATER RESOURCES DEPARTMENT
THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version:

## WATER SUPPLY WELL REPORT - continuation page

## KLAM 58286

## WELL I.D. LABEL# L START CARD # 1016602 ORIGINAL LOG #

| continuation page  | 11/14/2012 | O             | RIGINAL LO | G #                  |           | <u> </u> |
|--|------------|---------------|------------|----------------------|-----------|----------|
| (2a) PRE-ALTERATION                                      | Water Q    | uality Concer | ns         |                      |           |          |
| Dia + From To Gauge Stl Plstc Wld Thrd                   | From       | То            | Descriptio | on                   | Amou      | nt Units |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
| Material From To Amt sacks/lbs                           |            |               |            |                      |           |          |
|  |            |               |            |                      |           | ·        |
|  |            |               |            |                      |           |          |
| b) BORE HOLE CONSTRUCTION                                | (10) STA   | TIC WATE      | R LEVEL    | Est Elow             | SWI (mai) | ± 0001 ( |
| BORE HOLE SEAL   | sacks/     |               |            | LSt Flow             | Switchsi) |          |
| Dia From 10 Material From To Amt                         | lbs        |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      | 1         |          |
| From To Material Size                                    | (11) WEI   | LL LOG        |            |                      |           |          |
|  |            | Material      |            |                      | From      | To       |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
| ) CASING/LINER   |            |               |            |                      |           |          |
| Casing Liner Dia + From To Gauge Stl Plste Wld           | Thrd       |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      |           | _        |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
| PERFORATIONS/SCREENS                                     |            |               |            |                      |           |          |
| Perf/ Casing/ Screen Scrn/slot Slot # of                 | Tele/      |               |            | 1                    |           |          |
| Screen Liner Dia From To width length slots p            | pipe size  |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
|  |            |               |            |                      |           |          |
|  | Commer     | nts/Remarks   |            |                      |           |          |
|  |            | its/itemarks  |            |                      |           |          |
| 8) WELL TESTS: Minimum testing time is 1 hour            |            |               | RECE       | VED E                | 3Y OWF    | RD DF    |
| Yield gal/min Drawdown Drill stem/Pump depth Duration (h | r)         |               |            | in the second second |           |          |
|  |            |               | DF         | · 0 9 9              | 2014      |          |
|  |            |               | UL         | .0 00                | LUIT      |          |
|  | -          |               | 0          |                      |           |          |
|  |            |               | 0          | MLEIVI,              | , Un      |          |
|  |            |               |            |                      |           |          |